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Hal Berghel

February 1995 **Proceedings of the 1995 ACM symposium on Applied computing**Full text available: pdf(460.71 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**2 Multimedia document presentation, information extraction, and document formation in MINOS: a model and a system**

S. Christodoulakis, M. Theodoridou, F. Ho, M. Papa, A. Pathria

December 1986 **ACM Transactions on Information Systems (TOIS)**, Volume 4 Issue 4Full text available: pdf(3.16 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

MINOS is an object-oriented multimedia information system that provides integrated facilities for creating and managing complex multimedia objects. In this paper the model for multimedia documents supported by MINOS and its implementation is described. Described in particular are functions provided in MINOS that exploit the capabilities of a modern workstation equipped with image and voice input-output devices to accomplish an active multimedia document presentation and browsing within docu ...

3 Applications thrive on open systems standards

Eric J. Strand, Rajiv P. Mehta, Raju Jairam

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Sara Comai, Ernesto Damiani, Piero Fraternali

October 2001 **ACM Transactions on Information Systems (TOIS)**, Volume 19 Issue 4Full text available: pdf(707.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The rapid evolution of XML from a mere data exchange format to a universal syntax for encoding domain-specific information raises the need for new query languages specifically conceived to address the characteristics of XML. Such languages should be able not only to extract information from XML documents, but also to apply powerful transformation and restructuring operators, based on a well-defined semantics. Moreover, XML queries should be natural to write and understand, as nontechnical person ...

Keywords: Document restructuring, graphical query languages, semantics

2 [Network behavior: The effectiveness of request redirection on CDN robustness](#)



Limin Wang, Vivek Pai, Larry Peterson

December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SIFull text available: pdf(1.86 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

It is becoming increasingly common to construct network services using redundant resources geographically distributed across the Internet. Content Distribution Networks are a prime example. Such systems distribute client requests to an appropriate server based on a variety of factors---e.g., server load, network proximity, cache locality--in an effort to reduce response time and increase the system capacity under load. This paper explores the design space of strategies employed to redirect request ...

3 [Distributed environment: Narratives of space and time: visualization for distributed applications](#)



Patrick J. Finnigan, Kelly A. Lyons

October 1991 **Proceedings of the 1991 conference of the Centre for Advanced Studies on Collaborative research**Full text available: pdf(1.65 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Programmers of distributed applications face the challenge of building communicating processes (CP) in a complex, heterogeneous network with distributed data and services. The tools necessary to build these systems are emerging, but widespread acceptance will require effective use of visualization and user interface technologies to reduce complexity. In this paper, we outline a plan and describe some initial results for visualizing three aspects of distributed applications. X.500 [25] ...


Keywords: distributed systems, iconic programming, network management, visualization

4 Technical Session: Constructing a web-based asynchronous and synchronous collaboration environment using WebDAV and Lotus Sametime



Changtao Qu, Wolfgang Nejdl

October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services**

Full text available:  pdf(477.98 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present our practice of constructing a Web-based asynchronous and synchronous collaboration environment for supporting collaborative distance learning between a German university and a university in Italy. We utilize the recent collaboration-friendly Internet protocol WebDAV to implement a groupware system which can support document-centric asynchronous collaboration activities, e.g., collaborative document authoring, collaborative document management, etc., as well as an indust ...

Keywords: asynchronous collaboration, lotus sametime, synchronous collaboration, web-based distributed authoring and versioning

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Sara Comai, Ernesto Damiani, Piero Fraternali

October 2001 **ACM Transactions on Information Systems (TOIS)**, Volume 19 Issue 4Full text available: pdf(707.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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Keywords: Document restructuring, graphical query languages, semantics**2** [Distributed environment: Narratives of space and time: visualization for distributed applications](#)

Patrick J. Finnigan, Kelly A. Lyons

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Keywords: distributed systems, iconic programming, network management, visualization

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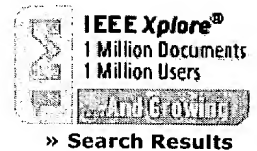
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6 Securing XML documents with Author-X*Bertino, E.; Castano, S.; Ferrari, E.;*

Internet Computing, IEEE , Volume: 5 , Issue: 3 , May-June 2001

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7 Design and evaluation of disk scheduling policies for high-demand multimedia servers*Khan, M.F.; Ghafoor, A.; Ayyaz, M.N.;*

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8 A graph of change impact analysis for distributed object-oriented software*Kyung-Hee Kim; Jai-Nyun Park; Yong-Ik Yoon;*

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